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## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 61-002925

(43)Date of publication of application : 08.01.1986

(51)Int.Cl.

F16D 25/14  
B60K 23/02

(21)Application number : 59-122432

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(22)Date of filing : 14.06.1984

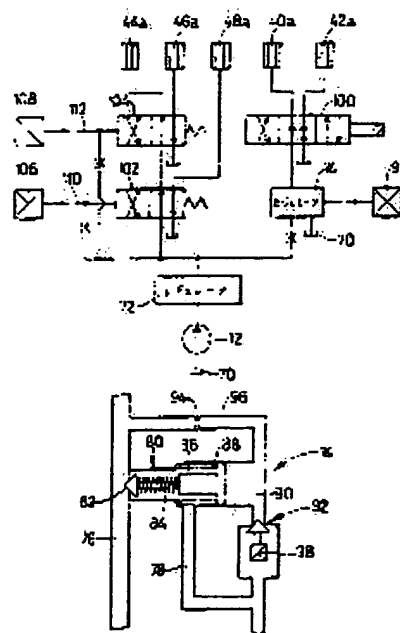
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## (54) METHOD OF CONTROLLING OIL PRESSURE FOR ACTUATOR FOR ENGAGING AND DISENGAGING CLUTCH

(57)Abstract:

PURPOSE: To smooth the engagement and disengagement of a clutch, by setting the duty factor for the modulating solenoid of an oil pressure control modulator for a clutch engaging/disengaging actuator to be smaller than an aimed duty factor when the clutch is engaged or disengaged.

CONSTITUTION: Oil pressure to be applied to actuators 40a, 42a for a forward movement clutch 40 and a backward movement clutch 42 is controlled by a modulator 74. The modulator 74 is provided with a drain passage 78 for draining working oil to a tank 70 from a main passage 76 which connects a regulator 72 to the actuators 40a, 42a. When each clutch is engaged or disengaged, the duty factor of a pulsatile electrical current applied to a modulating solenoid 98 is changed to control the quantity of outflow of working oil from an oil pressure chamber 90.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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